{ FORM No. 1.
{ 1-9. 1877. }

CIRCULAR

OF THE

Massachusetts Normal Art School,

28 SCHOOL STREET, BOSTON.

UNDER THE DIRECTION OF THE STATE BOARD OF EDUCATION.

FIFTH YEAR, 1877–78.

BOSTON:
PRINTED BY ALBERT J. WRIGHT,
79 MILK, CORNER OF FEDERAL STREET.
1877.

BOARD OF EDUCATION.

HIS EXCELLENCY THE GOVERNOR.
HIS HONOR THE LIEUTENANT-GOVERNOR.

Hon. C. C. Esty	Framingham.
Hon. Edward S. Gillett	Westfield.
Rev. Chas. B. Rice	Danvers.
Hon. Henry Chapin	Worcester.
Rev. A. A. Miner, D. D.	Boston.
Gardiner G. Hubbard, A. M.	Cambridge.
Rev. William Rice, A. M.	Springfield.
Rev. Christopher C. Hussey	Billerica.

Secretary.
Hon. John W. Dickinson, A. M.

Assistant Secretary and Treasurer.
Oliver Warner.

Director of Art Education.
Walter Smith, Art Master.

Agents of the Board.
George A. Walton, A. M. E. A. Hubbard, A. M.

Board of Visitors.
Rev. A. A. Miner, D. D. Gardiner G. Hubbard, A. M. Rev. Chas. B. Rice.

Officers of Instruction, Normal Art School.

Director of the School.

Mr. Walter Smith	*State Director of Art Education, Mass.*

Professors.

Walter Smith	*Art Education, Theory and Practice.*
William R. Ware	*Architectural Design.*

Instructors.

Mr. William Briggs	*Instructor*	Class A.
Miss Grace Carter	,,	,,
Miss R. L. Hoyt	,,	,,
Mr. Arthur C. Patten	*Assistant Instructor*	,,
Mr. G. H. Bartlett	*Lecturer*	,,
Miss Mary E. Carter	*Instructor*	,,
Miss Grace Carter	,,	Class B.
Miss Cynthia E. Hollis	*Assistant Instructor*	,,
Mr. Otto Fuchs	*Instructor*	,,
Mr. H. H. Kendall	*Assistant Instructor*	Class C.
Mr. Edward R. Smith	*Instructor*	,,
		Class D.

Mr. W. T. Meek . . . *Curator.*

LIST OF STUDENTS

WHO HAVING PASSED THE EXAMINATION AND COMPLETED THE CERTIFICATE WORKS, IN THE SEVERAL CLASSES ENUMERATED BELOW, HAVE RECEIVED CERTIFICATES, OR THE DIPLOMA.

NOTE.—The numerals under each class signify the year (since 1870) in which the student, whose name is opposite, received the certificates.

Name of Student.	Classes.				Gradu't'd A.M.	Name of Student.	Classes.				Gradu't'd A.M.
	A.	B.	C.	D.			A	B.	C.	D.	
Avery, Helen W.	5	-	-	-	- -	Dean, Walter L.	4	-	-	-	- -
Anthony, Alfred J.	5	-	-	-	- -	Dudley, L. Anna.	4	-	-	-	- -
Atwood, Evelyn	7	-	-	-	- -	Day, Lizzie G.	5	-	-	-	- -
Baker, Lucas	4	5	-	-	- -	Dupee, Annie E.	6	-	-	-	- -
Beer, John A.	4	-	-	-	- -	Dimock, Elizabeth F.	6	-	-	-	- -
Berry, A. Hun	4	-	-	-	- -	Dupee, Octavia G.	6	-	-	-	- -
Bowler, Emma F.	5	-	-	-	- -	Davis, Annie M.	7	-	-	-	- -
Barry, Charles A.	5	5	-	7	- -	Emerson, Fannie S.	5	-	-	-	- -
Brackett, Walter F.	5	-	-	-	- -	Elliot, George B.	7	-	-	-	- -
Ball, Fannie E.	5	-	-	-	- -	French, Loresta E.	4	-	-	-	- -
Benham, Marion L.	5	-	-	-	- -	Fisher, Maud R.	5	7	-	-	- -
Bowditch, Ellen O.	5	-	-	-	- -	Francis, Ellen A.	7	-	-	-	- -
Brammer, Joseph	5	5	-	-	- -	Gardner, Ella L.	6	-	-	-	- -
Bailey, Mercy A.	5	-	-	-	- -	Goodnough, Walter S.	4	-	-	-	- -
Bucklin, William S.	6	-	-	-	- -	Green, Michael J.	5	-	-	-	- -
Booth, Etta E.	6	-	-	-	- -	Gotte, Jean M.	6	-	-	-	- -
Bellville, Hattie M.	6	-	-	-	- -	Greenwood, Louis A.	6	7	-	-	- -
Burrage, Hattie A.	6	-	-	-	- -	Green, Ellen C.	7	-	-	-	- -
Binney, Anna S.	6	-	-	-	- -	Hoyt, Rissie L.	4	5	-	7	- -
Bradbury, Eleonora C.	7	-	-	-	- -	Hooper, William P.	5	-	-	-	- -
Bartlett, Mary G.	7	-	-	-	- -	Hintz, Bertha W.	5	-	-	-	- -
Babbitt, Annie M.	7	-	-	-	- -	Hitchings, Henry	5	-	-	-	- -
Carleton, Hannah E.	4	-	-	-	- -	Hollis, Cynthia E.	6	7	-	-	- -
Carney, Ellen D.	4	5	-	-	- -	Holmes, Anna C.	6	-	-	-	- -
Crawford, James W.	4	-	-	-	- -	Hammond, George F.	6	-	-	-	- -
Cleaveland, Julia H.	5	-	-	-	- -	Howard, Mary	6	7	-	-	- -
Colby, Eugene C.	5	7	-	-	- -	Hapgood, Melvin P.	6	-	-	-	- -
Carter, Walter E.	5	-	-	-	- -	Holmes, Olivia S.	6	-	-	-	- -
Carter, Charles M.	6	-	7	-	- -	Howard, Adelia, K.	6	-	-	-	- -
Clapp, Mary E.	4	7	-	-	- -	Hill, Louise M.	6	-	-	-	- -
Curtis, Annie E.	6	-	-	-	- -	Halcott, Calista	7	-	-	-	- -
Coburn, Bella	6	-	-	-	- -	Horsford, Gertrude H.	7	-	-	-	- -
Clark, Fannie P.	6	-	-	-	- -	Huntington, Carrie M.	7	-	-	-	- -
Cook, Herman E.	7	-	-	-	- -	Holmes, Henry	7	-	-	-	- -
Coffin, Clara A.	7	-	-	-	- -	Howard, G. M.	7	-	-	-	- -

Name of Student.	Classes.				Gradu't'd A.M.	Name of Student.	Classes.				Gradu't'd A.M.
	A.	B.	C.	D.			A.	B.	C.	D.	
Joslyn, Mary E.	5	-	-	-	- -	Porter, George M.	7	-	-	-	- -
Johnson, Mary E.	5	7	-	-	- -	Parsons, Lydia A.	7	-	-	-	- -
Jepson, George	7	-	-	-	- -	Parsons Caroline L.	7	-	-	-	- -
Kingsbury, Edward R.	6	7	-	-	- -	Roos, Peter	4	-	-	-	- -
Locke, Emma F	4	-	-	-	- -	Rose, Ebenezer	4	-	-	-	- -
Lord, John D.	4	-	-	-	- -	Robbins, Sarah H.	5	-	-	-	- -
Loring, George A.	5	-	-	-	- -	Roys, Viola G.	6	-	-	-	- -
Loring, Susan A. W.	6	-	-	-	- -	Stewart, Nellie N.	5	7	-	-	- -
Lough, Josephine C.	7	-	-	-	- -	Spalter, A. Maria	5	-	-	-	- -
Miller, Leslie W.	4	-	-	-	- -	Shaw, Annie F.	5	7	-	-	- -
Marble, John N.	5	-	-	-	- -	Shepley, Annie B.	6	-	-	-	- -
Mason, William A., Jr.	5	-	-	-	- -	Smith, Edward R.	7	-	-	7	- -
Mansfield, Mary	5	5	-	-	- -	Saunders, Carrie H.	6	-	-	-	- -
Marsh, Helen F.	6	-	-	-	- -	Starbuck, Frances M.	6	-	-	-	- -
Munsell, Albert H.	7	-	-	-	- -	Smith, Elmer B.	7	-	-	-	- -
Moon, Mintie	7	-	-	-	- -	Tufts, Abbie B.	4	-	-	-	- -
Mansfield, Frank	7	-	-	-	- -	Taylor, Will. L.	5	-	-	-	- -
Nolen, Caroline	4	-	-	-	- -	Tucker, Emily J.	5	-	-	-	- -
Norcross, Ella A.	5	7	-	-	- -	Thompson, William A.	6	-	-	-	- -
Nason, M. E.	7	-	-	-	- -	Thaxter, Thomas W.	7	-	-	-	- -
Oakes, S. Pierce	5	-	-	-	- -	Torrey, William F.	7	-	-	-	- -
Pierce, Osborn J.	4	-	-	-	- -	Trask, Abbie J.	7	-	-	-	- -
Putnam, Benjamin W.	4	5	-	-	- -	Taft, Mary F.	7	-	-	-	- -
Perry, Walter S.	5	-	-	-	- -	Thompson, L. S.	7	-	-	-	- -
Patten, Arthur C.	5	7	6	7	1877	Vonnoh, Robert W.	7	-	-	-	- -
Pitman, Sophia L.	5	6	-	-	- -	Walker, Sophia A.	5	-	-	-	- -
Parker, Frank G.	5	-	-	-	- -	Whiton, Maria E.	5	-	-	-	- -
Peabody, Margie G.	5	-	-	-	- -	Wellington, Leah N.	6	7	-	-	- -
Perrin, Julia	5	-	-	-	- -	Ware, George Wilde	6	-	-	-	- -
Palmer, Laura E.	6	-	-	-	- -	Webster, Clara E.	7	-	-	-	- -
Plaisted, Lilla M.	6	-	-	-	- -	Webster, Addie L.	7	-	-	-	- -
Perry, Charles H.	7	-	-	-	- -	Woodman, George E.	7	-	-	-	- -

MASSACHUSETTS NORMAL ART SCHOOL.

In view of the great importance of drawing as a branch of education, the Legislature, by an Act passed May 16, 1870, made instruction in this branch obligatory in the public schools; and required cities and towns containing more than ten thousand inhabitants to make provision for free instruction in industrial drawing to persons over fifteen years of age. This Act met with much public favor; but it was soon found that it was impossible to realize satisfactorily the benefits intended by the Act, for want of competent teachers. An Act was therefore passed by the Legislature, providing for the establishment and management, by the Board of Education, of a State Normal Art School. In pursuance of this provision, this circular has been prepared for the information of those interested.

DESIGN OF THE SCHOOL.

This School is intended as a Training School for the purpose of qualifying teachers and masters of industrial drawing. Its specific aim at present is to prepare teachers for the industrial drawing schools of the State, who shall also be able to direct and superintend the instruction in this branch in the public schools. In the future it may be necessary to provide for high skill in technical drawing and art culture, but the immediate pressing demand is for teachers who know the elementary subjects thoroughly, and can teach them intelligently and successfully; and this demand the School will aim primarily to supply, making its training as complete and practical as the circumstances will permit.

LOCATION.

School Street Block, No. 28 School Street, opposite the City Hall, Boston.

CONDITIONS OF ADMISSION AND FEES.

An examination in Freehand Drawing of Ornament from Copy, and Object Drawing from the solid, will be held at the beginning of each term, of all candidates for admission to Class A. After the end of the

school year 1877–8, the examination for admission will consist of exercises in Freehand Drawing, from the flat and the round, Geometrical and Perspective and Memory Drawing of an original design made by the applicant; and students will be advanced to either of the other classes upon passing the examination prescribed therefor. To students residing within the State, tuition is free; but ten dollars per term will be charged for incidentals. To students from without the State, fifty dollars per term. All fees are payable, in advance, to the Curator at the commencement of each term.

COURSE OF INSTRUCTION.

The term Industrial Drawing includes both Instrumental and Freehand Drawing. The former will be taught by lectures given by the Lecturers on the various subjects; and the latter, by individual instruction by the Instructors, who will also superintend the artistic work in the studio, comprising Freehand Drawing, Painting and Designing. The work of Class A is devoted to Elementary Drawing; of Class B, to Form, Color and Industrial Design; of Class C, to the Constructive Arts; and of Class D, to Sculpture and Design in the round. These groups of subjects can be studied in any order after Class A has been passed through, subject only to an examination as to the fitness of the student.

SCHOOL YEAR.

The school year begins the first week in October, and closes at the end of May. The year is divided into two terms: the first term comprises the months of October, November, December and January; the second term, the months of February, March, April and May.

SESSIONS AND ATTENDANCE.

In order to meet, as far as possible, the requirements of students in respect to hours of attendance, instruction is given from 9 A.M. to 1 P.M., from 2 to 5 P.M., and from 7 to 9 P.M., on Monday, Tuesday, Wednesday, Thursday and Friday.

The students of all the classes, which do not meet five days in the week, are expected to work at home, under directions received from the Instructors.

In Class A there are two divisions: one meeting in the mornings and afternoons of five days in the week, a second attending five evenings.

In Class B, the days for instruction are Mondays, Tuesdays, Wednesdays, Thursdays and Fridays.

In Class C, the students will attend during class hours, and devote the remainder of their time to home study.

In Class D, the instruction is given during the afternoons and evenings of Monday, Tuesday, Wednesday, Thursday and Friday.

EXAMINATION AND CERTIFICATES.

For permission to be examined for a Certificate, the student will be required to submit class exercises, the subjects being described in the list of certificate drawings. These drawings, paintings, and models are to show whether the student possesses the manipulative skill necessary to teach industrial art. If the works pass examination, the student will then be allowed to offer himself for the certificate examination, which will be held at the end of each school year. This examination having been passed, the student will receive a Certificate, testifying to his scientific and artistic qualifications to give instruction in the group of studies passed. A student failing to pass an examination in any subject, may present himself again at a future examination, those subjects already passed being recorded in his favor; but he will not receive the Certificate of the School until all the subjects of examination have been passed.

The Diploma of the School will be granted to those students only who complete the subjects of study, and pass the examination in Classes A, B, C and D.

APPOINTMENT CLASS.

Qualified students of the Day Classes will be selected to act as Assistants to the Instructors in the Evening Classes. From the monthly reports on their conduct and efficiency, made to the Director by the Instructors, recommendations for appointments as teachers will be made.

It must, however, be distinctly understood by students of the School, that neither the School nor its Officers undertake any responsibility with regard to securing appointments for the students, the School being a training school, not an agency to secure employment for teachers of drawing.

Applications from schools or colleges for teachers of drawing, will be brought to the attention of such students in the appointment class as the Director thinks competent to do the work required; but such applications and recommendations have nothing official in connection with the School.

REGULATION CONCERNING STUDENTS

WHO HAVE RECEIVED APPOINTMENTS, AND WHO DESIRE TO CONTINUE THEIR STUDIES AND OBTAIN THE ADVANCED CERTIFICATES.

Students who have taken Certificate A, and whose appointments as teachers of drawing prevent their attendance at the School, upon presenting the required works for Certificate B, and giving satisfactory evidence that the works are their own production, will be treated as though in attendance in the School, if the regular fees are paid by them. Their works for Certificate B will be examined, and, if accepted, the students presenting them may offer themselves for the time examination to complete their Certificates. The same rule applies to those who desire to obtain Certificates C and D.

CERTIFICATE WORKS.

One work from the certificate set of each student will be retained as the property of the School, and the best set in each year will be also retained and kept in the School. The student who produces the best set of certificate works will have a Certificate testifying to the fact of his works having been selected as the best in the year.

Students who leave the School before completing the set of certificate works required in any class, will not be allowed to take such works from the School, unless they are employed to teach drawing, and file a statement of that fact with the Curator.

DIARY OF STUDIES FOR MORNING AND EVENING DIVISIONS.

FOR CLASS A. CERTIFICATE A.

Elementary Drawing.

Instructors . . . Miss GRACE CARTER, Miss R. L. HOYT.
Assistant . . . Mr. ARTHUR C. PATTEN.
Lecturers . . . Mr. WILLIAM BRIGGS, Mr. G. H. BARTLETT.

MORNING DIVISION.

Days.	*Hours.*		*Subject of Instruction.*	*Instructors and Lecturers.*
Monday . .	9 to 12.	Drawing.	Freehand Certificate Works . . .	Misses CARTER and HOYT. Mr. ARTHUR C. PATTEN.
	2 to 4.	Drawing.	Freehand Certificate Works . . .	" "
	12 to 1.	Lecture.	Color	Miss CARTER.
	2 to 3.	Lecture.	Model Drawing	Mr. ARTHUR C. PATTEN.
Tuesday . .	9 to 11.	Lecture.	Isometric Projection and Projection of Shadows	Messrs. BRIGGS and PATTEN.
	11 to 1.	Lecture.	Perspective	" " " "
	2 to 5.	Normal Instruction		" " " "
Wednesday .	9 to 12.	Drawing.	Freehand Certificate Works . . .	Misses CARTER and HOYT. Mr. ARTHUR C. PATTEN.
	2 to 4.	Drawing.	Freehand Certificate Works . . .	" "
	12 to 1.	Lecture.	Light and Shade, and Processes of Drawing	Mr. BARTLETT.
	2 to 3.	Lecture.	Historic Ornament	Miss CARTER.
Thursday .	9 to 11.	Drawing.	Mechanical Certificate Works . . .	Messrs. BRIGGS and PATTEN.
	11 to 1.	Lecture.	Orthographic Projection	" " " "
	2 to 3.	Lecture.	Machine Drawing	" " " "
	3 to 4.	Lecture.	Building Construction	" " " "
	4 to 5.	Lecture.	Geometry	" " " "
Friday . . .	9 to 12.	Drawing.	Certificate Works	Mr. BRIGGS. Misses CARTER and HOYT. Mr. ARTHUR C. PATTEN.
	12 to 1.	Lecture.	Botanical Analysis	Miss HOYT.
	2 to 3.	Lecture.	Design	Miss CARTER,
	3½ to 5.	Normal Instruction.		

EVENING DIVISION.

Days.	*Hours.*	*Subject of Instruction.*	*Instructors and Lecturers.*
Monday . . .	7 to 9.	Drawing. Freehand, flat and round	Miss HOYT and Assistants.
		Lecture. Geometry	" " " "
Tuesday . . .	7 to 9.	Lecture. Model Drawing	Mr. BRIGGS and Assistants.
		Perspective	" " " "
Wednesday . .	7 to 9.	Drawing. Freehand, flat and round	Miss HOYT and Assistants.
		Lecture. Elementary Design and Botanical Analysis	" " " "
Thursday . . .	7 to 9.	Lecture. Orthographic Projection	Mr. BRIGGS and Assistants.
		Drawing. Freehand, flat and round	" " " "
Friday	7 to 9.	Lecture. Isometric Projection and Projection of Shadows	" " " "
		Lecture. Color and Historic Ornament . .	Miss HOYT and Assistants.

LIST OF CERTIFICATE DRAWINGS.

TO BE DONE DURING THE COURSE OF STUDY, AND HANDED IN FOR PERMISSION TO BE EXAMINED.

Instrumental Drawing.

1. A sheet of Geometrical Problems.
2. A sheet of Perspective Problems.
3. A sheet of Orthographic Projection.
4. A sheet of Machine Drawing.
5. A sheet of Details of Building Construction.
6. A sheet of Isometric Projection.
7. A sheet of Projection of Shadows.

Freehand Drawing.

8. A sheet of Model Drawing, in pencil outline.
9. A sheet of Model Drawing, shaded in chalk.
10. A sheet of Model Drawing, shaded in sepia, Indian ink, or neutral tint.
11. A sheet of Model Drawing, rubbed or stumped.
12. An Outline Drawing of ornament, from the cast, in pencil.
13. An Outline Drawing of foliage, from nature.
14. An Outline Drawing of the human figure, from the flat.
15. An Outline Drawing of animal form, from the cast.
16. An Outline Drawing of a piece of furniture, chair, table, etc.
17. A Shaded Drawing, in chalk, with point or stump, of ornament, from the cast.
18. A Shaded Drawing, in sepia or Indian ink, from the cast.
19. An original design to fill a geometric form, from a plant.
20. A design for a wall paper, carpet, or any common object.
21. Specimen lessons in blackboard drawing and dictation drawing.
22. A Painting in water color, of a flower, from copy.
23. Analysis of styles of historical ornament.
24. Botanical analysis of a plant, for the purpose of design.

EXAMINATION FOR CERTIFICATE.

The above drawings having been submitted and approved, time examinations for the completion of the Certificate will be held at the end of the annual session, in the following subjects: —

1. Plane Geometrical Drawing.
2. Perspective Practice.
3. Perspective Theory.
4. Orthographic Projection.
5. Machine Drawing.
6. Isometric Projection and Projection of Shadows.
7. Building Construction.
8. Model Drawing, from solid.
9. Drawing from Memory.
10. Drawing from Dictation.
11. Historical Ornament.
12. Harmony of Color.

FOR CLASS B. CERTIFICATE B.

FORM, COLOR AND INDUSTRIAL DESIGN.

Instructors . . . . . Miss MARY CARTER, Miss GRACE CARTER.
Assistant . . . . . Miss CYNTHIA E. HOLLIS.

MORNING DIVISION.

Days.	*Hours.*	*Subjects of Instruction.*
Monday . . .	9 to 12.	Painting. Diploma Works. Oil Studies.
	12 to 1.	Lecture. Botanical Analysis . . Miss M. CARTER.
	2 to 4.	Drawing from Cast of Figure and Nature.
	4 to 5.	Lecture. Color and Harmony . . Miss M. CARTER.
Tuesday . .	9 to 1.	Practice in Studio. Water Color Subjects.
	2 to 5.	Normal Instruction.
Wednesday . .	9 to 12.	Diploma Works. Oil Studies.
	12 to 1.	Lecture. Historic Ornament. . Miss M. CARTER.
	2 to 4.	Drawing from Cast and Figures.
	4 to 5.	Lecture. Historic Schools of Painting, Miss M. CARTER.
Thursday . .	9 to 5.	Practice in Studio. Water Color Subjects.
Friday . . .	9 to 12.	Painting. Diploma Works. Oil Studies.
	12 to 1.	Lecture. Applied Design . . Miss M. CARTER.
	2 to 3½	Lecture. Anatomy . . . . Mr. E. R. SMITH.
	3½ to 5.	Normal Instruction . . . . Prof. W. SMITH.

EVENING DIVISION.

Monday . . .	7 to 9.	Drawing, Light and Shade, from Cast, Mr. E. R. SMITH and Assistants.
Wednesday . .	7 to 9.	Drawing, from the Living Model, Mr. E. R. SMITH and Assistants.
Friday . . .	7 to 9.	Anatomical Lecture, Mr. E. R. SMITH and Assistants.
Tuesday . .	7 to 9.	Oil Painting and Design, Miss M. E. CARTER and Assistants.
Thursday . .	7 to 9.	Water Color Painting and Design, Miss GRACE CARTER and Assistants.

PAINTING.

LIST OF CERTIFICATE WORKS.

TO BE DONE DURING THE COURSE OF STUDY, AND HANDED IN FOR PERMISSION TO BE EXAMINED.

Painting in Water Colors.

*1. Flower and foliage, from nature, without background.
*2. Fruit, and still life, from nature, with backgronnd.
†3. Landscape painting, from an approved example.
*4. Landscape painting, to include a building, from nature.
5. Study of draped human figure, from nature.
*6. Bones, muscles, and monochrome study of antique figure, from cast. [Three drawings.]

* For the present, only those works marked with the asterisk will be required.
† In oil painting, exercises 11 or 13 may be chosen. In water color, exercises 3 or 4 may be taken.

Painting in Tempera.

7. Study of ornament, or arabesque, in color.
8. Design for wall or ceiling decoration.
9. Antique figure, in monochrome, from bas-relief.

Painting in Oil.

*10. Study in monochrome, from cast, of human figure.
*11. Study of a head, from nature, life size.
12. Landscape, from an approved example.
†13. Study of a head, from an approved example.
*14. Group, as a study of composition and color, of objects or still life.
15. Study of drapery, from an arranged subject.

INDUSTRIAL DESIGN.

1. Design for a sculptured ornament, in stone or marble.
2. Design for a work in cast iron,—as a grate, railing, etc.
3. Design for a piece of furniture in wood, enriched by carving.
4. Design for an encaustic tile.
5. Design for a gas bracket, or gaselier, in brass or bronze.
6. Design for a porcelain breakfast or dinner service,—plate, cup and saucer, ewer, and cream pitcher.
7. Design for a cotton print for a dress.
8. Design for an oil cloth, carpet, or drugget.
9. Design for a damask table cloth, or window curtain.
10. Design for a lace curtain.
11. Design for an ice pitcher, in silver, engraved.
12. Design for a glass goblet.
13. Design for a fan, worked in color, on white satin.
14. Design for a book cover stamped in leather.
15. Design for a Diploma for the Normal Art School.
16. Design for a paper hanging.
17. Design for a frescoed ceiling, and wall panels.

The student is to produce four designs selected from the above list, in addition to which one manufactured article made from the student's design, and used for industrial purposes, will be required from each student. Any branch of industry may be selected for this application of design, and the work will be accepted or rejected on consideration of the merits of the design only, not for its technical merits or defects of manufacture. Accepted works will be retained, to form a record of the direct influence of the School on Industrial Art.

EXAMINATION FOR CERTIFICATE.

Practice.

1. Time sketch in oil, of a group, objects, and still life. Four hours.
2. Time sketch in water colors, of a head from living model. Two hours.
3. Time sketch in light and shade, of a cast of ornament. Two hours.

Theory.

4. Paper on the harmony of color, illustrated by sketches. One hour.
5. Paper on the origin and chemistry of colors. One hour.
6. Paper on the technical terms used in painting. One hour.
7. Paper on the application of ornament to industrial purposes. Two hours.
8. Paper on the principles and styles of the historic schools of painting. Two hours.
9. Drawing of the bones and muscles of an antique figure, in pencil, to fill an outline given to the student. Four hours.
10. Paper on the history of ornament, all periods and styles. Two hours.
11. Paper on structural botany, and illustrations of technical terms. Two hours.
12. Principles of design, applied to clay, woodwork (constructional and sculptured), metal work (cast and wrought), stone, surface decoration (walls, ceilings, floors), fabrics (printed, woven, dyed). Two hours.
13. Description of lithography, wood engraving, etching, steel engraving, porcelain painting, lace making by hand and machine, reproduction of the round in plaster, metals, and terra cotta, chasing and embossing, fresco painting, mosaic work in glass and stone, inlays, glass staining and painting, encaustic tile, stencilling, Palissy ware, Majolica, Della Robbia ware, Wedgwood ware. Four hours.

FOR CLASS C. CERTIFICATE C.

THE CONSTRUCTIVE ARTS.

Architectural Design . . . . . Prof. WARE.
Machine Drawing, Construction and Design . . . . . Mr. OTTO FUCHS.
Descriptive Geometry, Topographical Drawing, and Ship Draughting . . . . . ,, ,, ,,

MORNING DIVISION.

Days.	*Hours.*	*Subjects of Instruction.*	*Instructors and Professors.*
Monday		Home Work.	
Tuesday . .	9 to 11.	Lecture. Descriptive Geometry	Mr. OTTO FUCHS.
	11 to 1.	Class Work. Topographical Drawing	,, ,, ,,
	2 to 5.	Class Work. Topographical Drawing	,, ,, ,,
Wednesday		Home Work.	
Thursday .	9 to 1.	Class Work. Machine Drawing	Mr. OTTO FUCHS.
	2 to 5.	Lecture on Architectural Design	Mr. KENDALL.
Friday . .	9 to 1.	Class Work. Architectural Design	,, ,, ,,
	2 to 5.	Lecture. Machine Drawing	Mr. OTTO FUCHS.

EVENING DIVISION.

Days.	*Hours.*	*Subjects of Instruction.*	*Instructor and Professors.*
Tuesday,	7 to 9.	Machine Drawing.	Mr. OTTO FUCHS and Assistants.
Thursday,	7 to 9.	Descriptive Geometry and Topographical Drawing	,, ,, ,, ,, ,,
Friday,	7 to 9.	Architectural Drawing	Mr. KENDALL and Assistants.

LIST OF CERTIFICATE WORKS.

TO BE EXECUTED DURING THE COURSE OF STUDY, AND HANDED IN FOR PERMISSION TO BE EXAMINED.

[All Drawings to be on Imperial Paper, 29½ by 21½ inches.]

Architectural Design and Building Construction.

1. Design for a house or public building, showing plans, elevations, sections, and perspective, on one sheet.
2. Structural details, on an enlarged scale, of floors, windows, roof, and staircase, of the first subject.
3. Monograph of the three ancient or three medieval or three modern styles of architecture and ornament.
4. Drawing of a building, to scale, from actual measurement of the structure; plans and two geometric elevations.

Machine Drawing. Construction and Design.

5. Sheet of screws, plans and elevations.
6. Sheet of wheels, spur, bevel, cams, eccentrics, gearing.
7. Plan, elevation and section of a locomotive or stationary engine; from copy.
8. Drawing from the actual object, as a drill, pump, or any other machine. Two views.

Descriptive Geometry and Topographical Drawing.

9. Sheet of illustrations, in outline, from lectures on descriptive geometry. Development of surfaces.
10. Sheet of intersections of solids, and projection of shadows; tinted.
11. Ship draughting.
12. Topographical drawing of an estate from actual survey, or from data given, colored, and buildings sketched in outline.

EXAMINATION FOR CERTIFICATE.

Architectural Design.

1. Paper on the styles of architecture and ornament illustrated in the monograph. Two hours.
2. Paper on building construction in the several materials used. Two hours.
3. Design for a building in the style employed for the certificate work, complying with given conditions. Sketches required. Six hours.

Machine Drawing.

4. Paper on details of machinery. Two hours.
5. Drawing from an actual machine, to scale, placed in the examination room. Four hours.

Topography, Descriptive Geometry, and Ship Draughting.

6. Paper on solid geometry. Two hours.
7. Survey of an estate. Two days.
8. Drawing from memory of the ship draughting certificate work. Two hours.

FOR CLASS D. CERTIFICATE D.

SCULPTURE AND DESIGN IN THE ROUND—MODELLING AND CASTING.

Instructor . . . . . Mr. E. R. SMITH.

MORNING DIVISION.

Days.	*Hours.*	*Subjects of Instruction.*
Monday	2 to 5, and 7 to 9, P.M.	Ornament and the Human Figure.
Tuesday	2 to 5, and 7 to 9, P.M.	,, ,, ,, ,,
Wednesday . . .	2 to 5, and 7 to 9, P.M.	,, ,, ,, ,,
Thursday	2 to 5. and 7 to 9, P.M.	,, ,, ,, ,,
Friday	2 to 5, and 7 to 9, P.M.	,, ,, ,, ,,

EVENING DIVISION.

From 7 to 9 P.M. on the same days as the Morning Division.

LIST OF CERTIFICATE WORKS.

TO BE EXECUTED DURING THE COURSE OF STUDY, FOR PERMISSION TO BE EXAMINED.

[All works to be of imperial or half-imperial size.]

Ornament.

1. Historical ornament in one style from the cast.
2. Study of ornament from flat copy.
3. A design for a capital, spandrel, panel, rosette or enriched moulding, executed the full size, for stone, wood, iron or terra-cotta.
4. Model of flowers or foliage from nature, in relief.

Figure.

5. Medallion portrait head, from nature, life size.
6. Bas-relief from antique figure in the round.
7. Model in relief from a print or drawing of a human figure or head.
8. Anatomical rendering of an antique figure.

Designs to be Drawn.

9. Design for a piece of furniture in which wood carving is employed.
10. Design for a chandelier or gaselier, or any useful object in metal.
11. Design for an ice pitcher, flagon or goblet, loving-cup or tankard or vase, enriched by medallions and chasing.
12. Design for any object in porcelain, pottery or inlay, or for a certificate or diploma, introducing the human figure.

One time sketch in clay to be submitted for examination by the Director, every month, by each student.

EXAMINATIONS FOR CERTIFICATE.

Theory.

1. Paper on sculptured ornament of the Historical School. Two hours.
2. Paper on design applied to objects in the round. Two hours.
3. Paper on anatomy of the human skeleton and muscles. Two hours.
4. Paper on sculpture of the human figure. Two hours.

Practice.

5. To sketch in clay a relief copy of a piece of Ornament, from the cast or shaded copy. Two hours.
6. To model a relief from the bust or entire figure, from the antique, or life, or shaded copy. Four hours.

NOTICE CONCERNING CERTIFICATE WORKS.

Two of the eight certificate models are to be cast in plaster, and painted, before being sent in as complete.

They will, however, be examined and accepted or rejected before being painted.

The remaining six models need not be cast.

EVENING DIVISION. COURSES OF INSTRUCTION.

From the commencement of the School-year of 1877–8, on October 1st, 1877, there will be instruction given in each of the four classes, A, B, C and D, in the evenings from 7 to 9 on Mondays and the four days following. The course pursued will be the same as in the day classes, except that color will be studied under the limitations of artificial light.

Students will be admitted on examination, but upon admission may at once enter either of the classes without going through the preliminary Class A, of the Day School Course. Works executed in Class A will be examined for acceptance as certificate works, but unless students have already passed Class A the works produced by them in other classes will not be accepted for the classes above, until they have finished the works of Class A.

Fees.

The incidental fee per term of four months for any class, will be three dollars, payable to the Curator at the first lesson attended by the student. Students of the day classes are also eligible for admission to the evening classes.

Teachers and others who desire instruction in one or more subjects, are at liberty to attend one or five evenings in the week, to suit their need or convenience, the nominal incidental fee being the same for one or more lessons per week.

REGULATIONS OF THE SCHOOL.

The only works allowed to be executed in the School are those required by the lecturers or instructors to illustrate their lectures or lessons, or those on the list of certificate works.

The certificate works must be made on half-imperial sheets of paper or canvass (15 × 21½), except in Class C, which must be on imperial sheets. In Class D, one subject is to be on an imperial background.

All materials and apparatus required are to be provided by the students at their own cost.

No examples for instruction can be removed from the School by the students; and any damage done to the property of the School will have to be made good by the student causing it.

The attendance of the students will be registered daily, and absence from the classes must be explained to the instructors.

At the class lectures the sketches and illustrations made or used by the lecturers and instructors are to be reproduced by each student, accompanied by such written descriptions as may be deemed necessary.

There will be a recess from 1 to 2 during the morning session.

Each lecturer will require a certain amount of work to be done by the students, between one lecture and another. This must be regarded as a part of the school work, as much so as that done in the lecture room or studio.

The text books used or required for reference will be indicated by the lecturer of the several subjects. Any certificate work which, in the opinion of the director, does not show sufficient skill to qualify the student to teach the subject, will be rejected, and another must be made.

Every student will be provided with a locker, in which to keep boards and drawing materials. On receiving the key, the student must deposit two dollars as a guarantee that the key will be returned; when it is returned, the money will be repaid.

A student can be advanced from one class to another only on completion of the whole set of certificate works of the class he is in, and a student who passes any subject of examination cannot be re-examined in the same.

FORM OF APPLICATION FOR ADMISSION.

Date, _____

Name of Applicant (in full), _____

Age, _____. *Occupation*, _____

Address, _____

One of the following forms is to be filled up, according to the circumstances of the applicant; —

1. I, _____, being a resident in the State of Massachusetts, viz.: at _____ and desirous of becoming a qualified Teacher of Drawing, and intending to teach drawing in the said State after passing the required examinations, hereby make application for admission to the Massachusetts Normal Art School, and engage to attend regularly, and to offer myself for examination at the end of the annual session, if permitted to do so.

2. I, _____, not being a Teacher of Drawing in the State of Massachusetts, nor a resident therein, — or, if a resident, having no intention of teaching drawing, — hereby make application for admission as a student of the Massachusetts State Normal Art School, and will, upon admission, pay in advance the fee for instruction given each term; will also undertake to attend regularly during the time the School is open, and offer myself for examination at the end of the annual session, if permitted to do so.

CLASS A. — CERTIFICATE A.

(1.) *Morning Division.* — Monday, Tuesday, Wednesday, Thursday, and Friday, from 9, A.M. to 1, P.M., and from 2, P.M. to 5, P.M.
Evening Division. — From 7, P.M. to 9, P.M., same days.

CLASS B. — CERTIFICATE B.

(2.) *Morning Division.* — Monday, Tuesday, Wednesday, Thursday, and Friday, from 9, A.M. to 1, P.M., and from 2, P.M. to 5, P.M.
Evening Division. — From 7, P.M. to 9, P.M., same days.

CLASS C. — CERTIFICATE C.

(3.) *Morning Division.* — Tuesday, Thursday, and Friday, from 9, A.M. to 1, P.M., and from 2, P.M. to 5, P.M.
Evening Division. — From 7, P.M. to 9, P.M., same days.

CLASS D. — CERTIFICATE D.

(4.) *Morning Division.* — Monday, Tuesday, Wednesday, Thursday, and Friday, from 2, P.M. to 5, P.M.
Evening Division. — From 7, P.M. to 9, P.M., same days.

Morning divisions 2, 3, and 4, are only open to those students who have either passed the examination or completed the drawings for Certificate A.

Applicants will make a × against the Division they wish to attend.

This form is to be filled and signed, and sent to

THE CURATOR, NORMAL ART SCHOOL,
28 School Street, Boston.

The examination for admission will be in the subjects of freehand outline drawing from copy, and model drawing from the solid; and will be held at the School, 28 School Street, on Monday, October 1, at 12, M., for the Morning Divisions, and at 7, P.M., for the Evening Divisions.

The School opens for students on October 3.

A. A. MINER,
G. G. HUBBARD,
C. B. RICE,
State Board of Visitors.